

PLANNING & PROGRAMMING DIVISION  
PLANNING RESEARCH SECTION  
TRAFFIC ANALYSIS UNIT

TAU 3459

T.H. 694

S.P. 8286-02

Minnehaha Avenue Interchange

September, 1966

MINNESOTA HIGHWAY DEPARTMENT

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS



DEPARTMENT HIGHWAY

## Office Memorandum

TO : T. S. Thompson  
Road Design Engineer

FROM : Robert D. Owens  
Traffic Analysis Engineer

SUBJECT: T.H. 694; S.P. 8286-02  
Minnehaha Avenue Interchange

DATE: September 14, 1966

The Traffic Analysis Unit transmits this report in response to your August, 1966, request for the 1985 ADT, DHV, and HCA DT for the project location as shown on the map on page 2.

For each segment numbered on the map on page 3, the unit tabulated the data on page 4.

- a) Total ADT
- b) Vehicle Type Distribution
- c) Total Heavy Commercial ADT

Segment 1 has the highest 1985 ADT. This segment has a 1964 ADT of 7,800 on the parallel section T.H. 120.

The basic data, method and assumptions are on page 5.

B. L. Warzala requested this report for A. Multine.

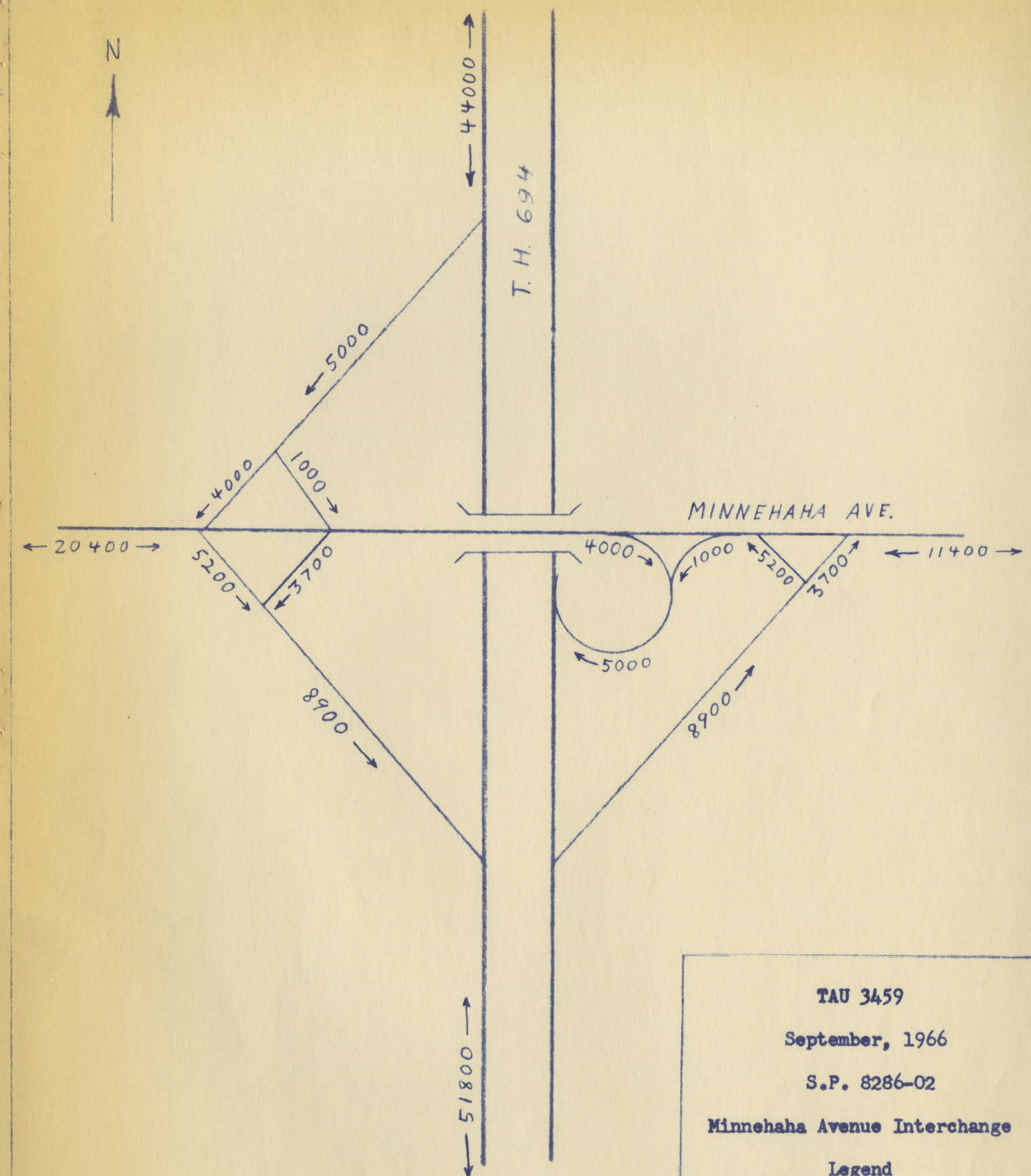
*Robert D. Owens*

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
WORK MAP



Project Location  
S.P. 8286





TAU 3459

September, 1966

S.P. 8286-02

Minnehaha Avenue Interchange

Legend

Segment Number . . . . .	1
1985 ADT . . . . .	51,800

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TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 1

FOR

T.H. 694 S.P. 8286-02 LENGTH - MILES  
COUNTY Washington LOCATION Minnehaha Avenue Interchange

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 8 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	
0	48460	8370	18970	10670	4720	3486	934	41160	3536	4834	
1	1014	334	785	344	176	138	38	698	104	230	
2	702	150	392	194	79	62	17	560	46	104	
3	176	4	14	10	2	1	1	172	1	3	
4	420	7	67	57	4	2	2	414	2	5	
5	592	13	101	111	7	4	3	580	4	9	
6	436	22	71	41	12	7	5	416	7	15	
TOTAL ADT	51800	8900	20400	11400	5000	4000	1000	44000	3700	5200	
TOTAL H. COMM. ADT	3340	530	1430	730	280	214	66	2840	164	366	
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

\* VEHICLE TYPE CODE

- 0 = PASSENGER CARS AND 4 TIRE TRUCKS  
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS  
2 = SINGLE UNIT-3 AXLE TRUCKS  
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
6 = BUSES AND TRUCKS WITH TRAILERS

Basic Data Method and Assumptions

The 1985 ADT and DHV, based on System 10 computer assignments, were transmitted on August 11, 1966, in TAU 455.

The total HCADT is based on the 1985 System 10 truck study. The heavy commercial vehicle type distribution is based on updated vehicle type classification counts conducted in the study area.